

Title (en)

A process for preparing an alpha-olefin polymerization catalyst.

Title (de)

Verfahren zur Herstellung eines Katalysators zur alpha-Olefinpolymerisation.

Title (fr)

Procédé de préparation d'un catalyseur pour la polymérisation d'alpha-oléfines.

Publication

EP 0180338 A2 19860507 (EN)

Application

EP 85307029 A 19851002

Priority

US 65764284 A 19841004

Abstract (en)

Alpha-olefin polymerization catalysts are prepared by heating a solid porous carrier having reactive OH groups in the atmosphere of an oxygen-containing gas and then treating the carrier firstly with an organomagnesium composition and then with a transition metal compound, preferably a titanium compound. The resulting catalysts exhibit higher productivity and produce ethylene polymers or ethylene/C₃-C₁₀ copolymers having higher bulk density than similar catalysts prepared with the carriers heated in an atmosphere of nitrogen.

IPC 1-7

C08F 10/00; **C08F 4/64**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0613909A1; US5798309A

Designated contracting state (EPC)

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US 65764284 A 19841004; AU 4763685 A 19850920; CA 492122 A 19851003; DE 3582393 T 19851002; EP 85307029 A 19851002; JP 22168285 A 19851004; ZA 857401 A 19850925